



Clean Michigan Initiative  
Clean Water Fund  
2001-0068



**Harrison Township**

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## Harrison Township Failing On-Site Disposal System Correction

1/15/2002-3/31/2004

Harrison Township's Failing On-Site Septic Systems Correction Project decreased the amount of sanitary sewage and associated pollutants that are contaminating and threatening the Clinton River and Lake St. Clair as a result of failing septic systems. The residential areas are not suitable for septic systems due to high groundwater, poor soils, and small lots. The previous systems' average age is 25 years and was contributing to elevated levels of E. coli bacteria found in roadside ditches, drains, the River, and the Lake. This project, located in four residential areas, eliminated one third of the Township's existing septic systems by the addition of over 17,000 feet of sanitary sewer and related appurtenances.



Grant Amount: \$ 979,961  
Match Funds: \$ 2,221,357

Total Amount: \$ 3,201,318

### Best Management Practices:

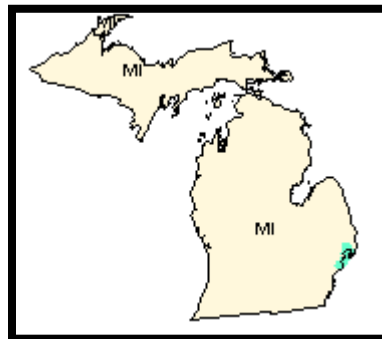
- Ballard Septic System Corrections  
-44 connections
- Clinton River Subdivision Septic System Correction  
-27 connections
- Sylvia/Duluth Road Septic Systems Corrections  
-11 connections



### Annual Load Reductions\*:

- 32.38 Tons of Sediment
- 2,177 pounds of Phosphorus
- 12,385 pounds of Nitrogen

\*estimate assumes full connection of all homes



### Lake St. Clair Watershed

### Project Accomplishments:

This project resulted in the installation of a total of 19,087 linear feet of sewer pipe and related appurtenances, 65 manholes, and 215 leads to/from individual homes. By November 2004 (when the final report was submitted), this project had resulted in the connection of 82 of the 215 expected connections.

Project 2001-0068  
8/17/05